

MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

September 2002

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
07	1636	A: CLF* MMB* SPT* KAK* KNY*	05	0316-0354	VAL
		B: NAG* GCK EBR GUI* HYB ETT	16	0309-0320	MMB KAK KNY
		C: NGK* BDV*	20	0924-0936	BDV
30	0815	A: HYB ETT	21	1212-1250	GUI
		B: SOD* VAL* BDV* HRB NAG* COI* SPT*	29	0635-0700	MMB KAK KNY
		C: GCK*			

REPORTING OBSERVATORIES (up to the 6th of November 2002):

SOD NGK VAL BDV CLF HRB NAG GCK MMB EBR COI SPT KAK KNY GUI HYB ETT HER LIV

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The * means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).

Note that we have included data of the Antarctic Station LIVINGSTONE (62° 39' 44" S, 60°23' 41" W) – Luis F.